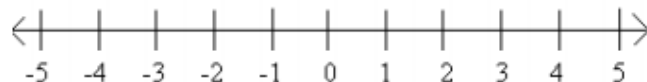


Exponents

Write the following expressions in expanded form without exponents.									
1. 9^3	2. $(-3)^4$								
Write the following expressions in exponential form using exponents.									
3. $6 \cdot 6 \cdot 6 \cdot 6 \cdot 6$	4. $b \cdot b$								
Evaluate the following expressions.									
5. 1^7	6. 2^3								
7. 18^0	8. 3^1								
9. 5^3	10. 10^4								
11. 4^3	12. 19^2								
13. Write the following numbers in the box in order from least to greatest. Show all your work. <div style="text-align: center; margin: 10px 0;"> $-3, \quad \sqrt{9}, \quad 2^3, \quad 1^5, \quad - 2$ </div> <table border="1" style="width: 100%; height: 50px; border-collapse: collapse; margin: 10px 0;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table> <div style="display: flex; align-items: center; justify-content: space-between; margin: 10px 0;"> LEAST ➔ GREATEST </div>									
14. Explain which is larger. How can you tell? 2^3 <i>or</i> $ -9 $ <div style="border-bottom: 1px solid black; height: 20px; margin-top: 5px;"></div>									

IV. Identify the absolute value

21. On the number line, plot the point(s) that have an absolute value of 2.



22. $|9| =$ _____ 23. $|-26| =$ _____ 24. $|-99| =$ _____ 25. $-|87| =$ _____ 26. $|-51| =$ _____